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IN THE UNITED STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US)

#4

Applicants: Richard William TITBALL and Helen Lisa BULLIFENT

International  
Application No.: PCT/GB00/03402

U.S. Serial No.:

International  
Filing Date: 06 September 2000 (06.09.00)

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For: RECOMBINANT MICROORGANISMS

Box PCT  
Commissioner for Patents  
Washington, D.C. 20231

Attorney Docket No. 41577/270459  
Date: 11 March 2002

SUBMISSION OF SEQUENCE LISTING

Sir:

Applicants submit (1) a paper copy of the Sequence Listing numbered as  
pages 1-7 and (2) the Sequence Listing in computer readable format as required by 37  
CFR §1.821.

CERTIFICATION PURSUANT TO 37 C.F.R. §1.821

The undersigned certifies that the contents of the enclosed paper copy of the  
Sequence Listing and the enclosed diskette containing the Sequence Listing in  
computer readable form are identical.

Respectfully submitted,



Dean W. Russell  
Reg. No. 33,452

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1100 Peachtree Street, Suite 2800  
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## SEQUENCE LISTING

<110> Titball, Richard L.

Bullifent, Helen L.

<120> Recombinant Microorganisms

<130> 41577/270459

<150> GB 9921275.5

<151> 1999-09-10

<150> PCT/GB00/03402

<151> 2000-09-06

<150> GB 0017000.1

<151> 2000-07-12

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<170> PatentIn version 3.1

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tgtaacatct taaaagtttt agtatcatat tcgtgttgga ttattctgta tttttgcgga	300
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